

Topic #17 – Storing and Recalling Pictures

You may be asked at some point to obtain computer printouts of several different graphs. This process is usually much easier if you store these graphs as separate pictures before you sit down at the computer.

Task #1: Store the picture from the “You Try” problem of Topic #16.

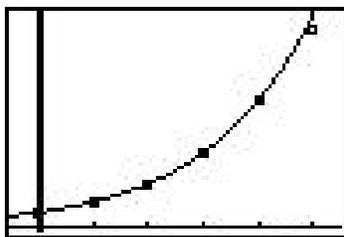
Strategy : If the picture is not on your screen, consult Topic #16 to obtain it. With the picture that you want to store displayed, press **2nd** **DRAW**, use the right-arrow key to move over to **STO**, and select **1:StorePic**. We need to give the picture a name. We are not allowed to be very creative in naming this picture (“Gertrude” is not a potential name). We can choose from only six names: Pic1, Pic2,..., Pic6 (Had mathematicians any creativity in nomenclature, do you think that our greatest mathematical discoveries would be given names such as “theorem 5.6.2”?). To choose one of these names, press **VAR**, select **4: Picture...**, and press select **1: Pic1**. The command “StorePic Pic1” should now be pasted on your home screen. To execute the command, press **ENTER**.

Conclusion: We have now stored our picture as “Pic1”.

Task #2: Recall the picture from Task #1.

Strategy : At the end of a project, we may have saved several pictures for printing. When we sit down at the computer to print these images, we need to be able to recall these pictures one at a time. Clear all functions and turn off all stat plots. Press **2nd** **FORMAT** and use the arrow keys and the **ENTER** key to select **AxesOff**. Press **GRAPH** to see that the graph screen is completely blank. To recall our picture and paste it on this blank screen, press **2nd** **DRAW**, use the right-arrow key to select the **STO** submenu, and select **2:RecallPic**. Press **VAR**, select **4: Picture...**, and select **1: Pic1** to tell the calculator which picture we want to recall. With the command **RecallPic Pic1** now pasted on the home screen, press **ENTER** to execute the command.

Conclusion: Your graph should look like this:



Task #3: Return your calculator to normal operating mode by clearing the drawing and turning the axes back on.

Strategy: We can clear the drawing by pressing $\boxed{2^{\text{nd}}}$ $\boxed{\text{DRAW}}$ and selecting **1:ClrDraw**. To turn the axes back on, press $\boxed{2^{\text{nd}}}$ $\boxed{\text{FORMAT}}$ and change to **AxesOn**.

Conclusion: The calculator is now reset to our normal graphing mode.

You try: Store the pictures corresponding to Task #1 and Task #2 from Topic #16 (to do this, you will have to repeat Topic #16– it's good practice and builds strong character!). After you have stored both pictures, recall them individually.

Conclusion

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